

# APPENDIX



*One hour of life, crowded to the full with glorious action,  
and filled with noble risks, is worth whole years of those  
mean observances of paltry decorum, in which men steal  
through existence, like sluggish waters through a marsh,  
without either honor or observation.*

— Sir Walter Scott



## APPENDIX

## POPULATION, LOUISIANA AND GRANT, 1997

Population numbers are taken from the 1997 Census estimates. All rates for 1997 are calculated based on these population estimates, unless otherwise noted. Racial classifications are white, African American and other.

**Population, Louisiana, 1997**  
**Race, Gender and Ages 0 - 49**

AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
White Males	92,464	95,806	101,082	109,796	99,896	98,344	102,700	118,456	117,760	102,707
White Females	88,256	91,640	96,305	104,742	96,774	100,675	102,847	117,355	116,580	103,679
African American Males	64,007	65,604	66,589	71,007	56,366	44,524	44,326	47,026	46,085	37,268
African American Females	62,365	63,600	65,130	72,308	61,883	50,800	51,723	576,002	55,192	46,924
Other Males	3,381	3,171	3,359	3,541	3,412	3,001	2,870	2,908	2,665	2,316
Other Females	3,227	2,922	3,160	3,462	3,147	3,186	2,745	2,956	2,893	2,711

**Population, Louisiana, 1997**  
**Race, Gender and Ages 50 - 85+**

AGE	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
White Males	87,218	69,265	60,116	50,395	43,585	31,091	17,277	10,609	1,408,587
White Females	90,957	73,790	65,379	61,277	56,586	46,626	31,557	28,741	1,473,766
African American Males	26,616	20,943	17,541	15,326	11,775	8,531	4,904	4,088	652,526
African American Females	34,354	28,504	24,437	21,673	17,017	13,759	8,907	9,349	743,927
Other Males	1,694	1,269	944	596	444	284	184	157	36,196
Other Females	1,894	1,358	1,075	753	536	329	207	226	36,787

**Population, Grant, 1997**  
**Race, Gender and Ages 0 - 49**

AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
White Males	541	591	605	617	450	511	474	539	567	538
White Females	502	530	581	623	452	532	508	575	560	569
African American Males	122	138	147	120	89	83	70	75	110	76
African American Females	140	143	128	128	116	103	79	108	105	111
Other Males	2	5	6	8	4	2	4	7	6	0
Other Females	2	9	7	15	8	7	2	11	3	5

**Population, Grant, 1997**  
**Race, Gender and Ages 50 - 85+**

AGE	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
White Males	495	387	301	268	284	218	134	74	7,594
White Females	504	386	328	331	316	285	215	161	7,958
African American Males	62	50	50	38	46	36	23	8	1,343
African American Females	84	53	76	73	46	36	31	43	1,603
Other Males	3	0	2	0	0	0	0	0	49
Other Females	2	4	1	2	0	0	0	0	78



## FAMILY HEALTH

### Prenatal Care

The term, “percent adequate prenatal care” is percent of live births care within the first trimester and a schedule of care throughout the pregnancy. Calculations are based on information on the birth certificate.

### Low and very low birthweight

Percent of calendar-year live births at or below 2500 grams (low birthweight - 5 pounds 8 ounces or 5.5 lbs.) and at or below 1500 grams (very low birthweight - 3 pounds 5 ounces or 3.3 lbs.).

### Births to teens

Births to teens is calculated as a percent of live births to mothers of a certain age (usually below 20).

Births, Louisiana and Grant, 1997 Race of Mother by Characteristics of Birth**				
	Total Births	% adequate prenatal care**	% low birthweight	% of live births to mothers under age 20
Louisiana	65,947	75.4%	9.8%	18.5%
White	37,438	84.3%	6.7%	13.4%
African American	27,115	63.3%	14.1%	26.0%
Other	1,394	74.4%	7.1%	11.0%
Grant	262	79.5%	8.3%	20.2%
White	230	83.3%	7.8%	20.0%
African American	31	53.3%	11.1%	19.4%
Other	*	0.0%	0.0%	100.0%

\* Fewer than five cases are not reported for reasons of confidentiality  
 \*\* According to the modified Kessner index  
 Source: State Center for Health Statistics, 1998.

Neonatal Infant Mortality Rate United States, Louisiana and Grant, 1997 by race of mother and gender of infant			
	All	Male	Female
United States	4.8	5.2	4.3
White	4.0	4.4	3.6
African American	9.4	10.1	8.6
Other	N/A	N/A	N/A
Louisiana	6.2	6.9	5.5
White	4.4	5.4	3.4
African American	8.9	8.6	9.3
Other	2.9	3.0	2.7
Grant	3.8	0.0	8.6
White	4.4	0.0	9.7
African American	0.0	0.0	0.0
Other	0.0	0.0	0.0

Source: State Center for Health Statistics, 1998

### Infant Mortality Rate

Infant mortality rate is the number of deaths to infants under one year of age, per 1,000 live births in a year. The neonatal mortality rate is the number of deaths to infants under 28 days of age, per 1,000 live births in a year.

### Maternal mortality

In 1997, fewer than five women in Louisiana died in childbirth. There was no reported maternal mortality in Grant Parish.



### Genetic Disease in Newborns Louisiana and Grant, 1997

Disease	Louisiana	Grant
Congenital Hypothyroidism	8	0
PKU	*	0
Sickle-cell	100	0

\* fewer than five cases are not reported for reasons of confidentiality

Source: Genetic Disease Program, DHH-OPH, 1998.

### Congenital Hypothyroidism

Hypothyroidism is caused by the failure of the thyroid gland to develop. Infants who are not treated will suffer severe brain damage. If treated promptly, infants will develop normally.

### Phenylketonuria (PKU)

PKU is a genetic disorder caused by the lack of a specific enzyme responsible for breaking down the amino acid phenylalanine. PKU can cause brain damage and mental retardation. Early detection and treatment can prevent or reduce brain damage.

### Sickle cell disease

Sickle cell disease is an inherited disorder of red blood cells. Patients with this disorder suffer life-

long anemia and painful obstructions of small blood vessels. Early recognition and urgent management of infections can reduce the risk of death in the first year of life.

### Injury-related Deaths by Cause and Gender, Louisiana, 1997 N=3118

Cause	Gender				Total	
	Male Number	Rate	Female Number	Rate	Number	Rate
Cut/Pierce	53	2.5	28	1.2	81	1.9
Drowning/ Submersion	126	6.0	18	**	144	3.3
Fall	117	5.6	105	4.7	222	5.1
Fire/Burn	60	2.9	35	1.6	95	2.2
Firearm	810	38.6	158	7.0	968	22.2
Machinery	26	1.2	*	**	28	0.6
Motor-vehicle/ Traffic	605	28.8	300	13.3	905	20.8
Pedal Cyclist	*	**	*	**	*	**
Pedestrian	12	0.6	*	**	16	**
Transport	34	1.6	*	**	36	0.8
Natural/Enviro.	22	1.0	5	**	27	0.6
Poisoning	152	7.2	79	3.5	231	5.3
Struck by/ Against	28	1.3	*	**	30	0.7
Suffocation	97	4.6	63	2.8	160	3.7

Source: Injury Research and Prevention Program, 1998. Rates per 100,000 population, 1997 U.S. Census Population Estimates. Not shown here: "Other specified" and "Unspecified"

\* Fewer than five cases are not reported for reasons of confidentiality

\*\* Rates are not calculated for counts of fewer than 20 for reasons of stability



### Leading Causes of Death, Louisiana, 1997 Race, Gender and Age by Top Five Causes

	0 - 14 yrs Cause No.(Rate)	15 - 44 yrs Cause No.(Rate)	45 - 64 yrs Cause No.(Rate)	65+ yrs Cause No.(Rate)
<b>White Females</b>				
①	Accidents/Injury 44 (15.9)	Accidents/Injury 141 (22.1)	Cancer 733 (219.6)	Heart Disease 3,823 (1700.7)
②	Perinatal Conditions 40 (14.5)	Cancer 126 (19.7)	Heart Disease 380 (113.8)	Cancer 2,235 (994.3)
③	Congenital Anomalies 39 (14.1)	Suicide 57 (8.9)	Diabetes 83 (24.9)	Stroke 948 (421.7)
④	Cancer 6 (*)	Heart Disease 55 (8.6)	COPD 73 (21.9)	COPD 496 (220.7)
⑤	Heart disease 5 (*)	Homicide 31 (4.9)	Stroke 67 (20.1)	Diabetes 433 (192.6)
<b>African American Females</b>				
①	Perinatal Conditions 97 (50.8)	Cancer 114 (32.8)	Cancer 399 (297.3)	Heart Disease 1,254 (1773.6)
②	Congenital Anomalies 31 (16.2)	Heart Disease 75 (21.6)	Heart Disease 347 (258.5)	Cancer 764 (1080.6)
③	Accidents/Injury 26 (13.6)	Homicide 69 (19.8)	Diabetes 125 (93.1)	Stroke 358 (506.3)
④	Cancer 9 (*)	Accidents/Injury 61 (17.5)	Stroke 82 (61.1)	Diabetes 316 (446.9)
⑤	Homicide 8 (*)	HIV 54 (15.5)	Accidents/Injury 31 (23.1)	Pneumonia/Flu 118 (166.9)

\* Fewer than five cases are not reported for reasons of confidentiality. Rates are not calculated when there are fewer than 20 deaths for reasons of reliability.  
Rates are per 100,000 race, gender and age specific population. From the U.S. Census, 1997. Estimates released 9/4/98.

Source: State Center for Health Statistics, 1999. Population estimates from [www.census.gov/population/estimates](http://www.census.gov/population/estimates). Est. released 9/4/98.



### Leading Causes of Death, Louisiana, 1997 Race, Gender and Age by Top Five Causes

	0 - 14 yrs Cause No.(Rate)	15 - 44 yrs Cause No.(Rate)	45 - 64 yrs Cause No.(Rate)	65+ yrs Cause No.(Rate)
<b>White Males</b>				
①	Perinatal Conditions 60 (20.7)	Accidents/Injury 431 (66.6)	Cancer 902 (282.5)	Heart Disease 3,233 (2113.7)
②	Accidents/Injury 51 (17.6)	Suicide 180 (27.8)	Heart Disease 887 (277.8)	Cancer 2,366 (1546.8)
③	Congenital Anomalies 45 (15.6)	Heart Disease 162 (25.0)	Accidents/Injury 167 (52.3)	Stroke 558 (364.8)
④	Septicemia 8 (*)	Cancer 121 (18.7)	Diabetes 89 (27.9)	COPD 531 (347.2)
⑤	Cancer 7 (*)	Homicide 77 (11.9)	Stroke 84 (26.3)	Pneumonia/Flu 320 (209.2)
<b>African American Males</b>				
①	Perinatal Conditions 104 (53.0)	Homicide 372 (120.3)	Heart Disease 499 (487.5)	Cancer 940 (2106.5)
②	Accidents/Injury 38 (19.4)	Accidents/Injury 233 (75.3)	Cancer 494 (482.6)	Heart Disease 934 (2093.0)
③	Congenital Anomalies 34 (17.3)	HIV 167(54.0)	Stroke 94 (91.8)	Stroke 216 (484.0)
④	Homicide 9 (*)	Heart Disease 125 (40.4)	Diabetes 91 (88.9)	Diabetes 170 (381.0)
⑤	Pneumonia/Flu 7 (*)	Cancer 76 (24.6)	Accidents/Injury 71 (69.4)	COPD 127 (284.6)

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Source: State Center for Health Statistics, 1999. Population estimates from [www.census.gov/population/estimates](http://www.census.gov/population/estimates). Est. released 9/4/98.



**Leading Causes of Death, Louisiana, 1988 - 1997**  
**Race, Gender and Age by Top Five Causes**

	0 - 14 yrs Cause No.(Rate)	15 - 44 yrs Cause No.(Rate)	45 - 64 yrs Cause No.(Rate)	65+ yrs Cause No.(Rate)
<b>White Females</b>				
①	Perinatal Conditions 52.0 (17.4)	Accidents/Injury 139.1 (21.3)	Cancer 742.6 (248.8)	Heart Disease 3908.5 (1785.5)
②	Congenital Anomalies 45.6 (15.3)	Cancer 133.3 (20.4)	Heart Disease 400.0 (134.0)	Cancer 1971.3 (900.5)
③	Accidents/Injury 34.3 (11.5)	Heart Disease 54.0 (8.3)	Stroke 75.4 (25.3)	Stroke 892.5 (407.7)
④	Cancer 8.5 (2.9)	Suicide 53.1 (8.1)	COPD 70.6 (23.7)	COPD 418.8 (191.3)
⑤	Heart Disease 8.0 (2.7)	Homicide 31.5 (4.8)	Diabetes 66.4 (22.3)	Pneumonia/Flu 373.1 (170.4)
<b>African American Females</b>				
①	Perinatal Conditions 98.9 (50.1)	Cancer 105.6 (31.6)	Cancer 355.3 (322.1)	Heart Disease 1374.3 (1997.7)
②	Congenital Anomalies 39.4 (20.0)	Heart Disease 79.2 (23.7)	Heart Disease 354.2 (321.2)	Cancer 700.2 (1017.8)
③	Accidents/Injury 32.9 (16.7)	Homicide 72.0 (21.5)	Diabetes 94.0 (85.2)	Stroke 339.5 (493.5)
④	Heart Disease 8.4 (4.3)	Diabetes 59.3 (17.7)	Stroke 88.3 (80.1)	Diabetes 259.6 (377.4)
⑤	Homicide 7.0 (3.5)	HIV 34.0 (10.2)	Accidents/Injury 26.0 (23.6)	Pneumonia/Flu 101.1 (147.0)

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Source: State Center for Health Statistics, 1999. Population estimates from [www.census.gov/population/estimates](http://www.census.gov/population/estimates). Est. released 9/4/98.



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### Leading Causes of Death, Louisiana, 1988 - 1997 Race, Gender and Age by Top Five Causes

	0 - 14 yrs Cause No.(Rate)	15 - 44 yrs Cause No.(Rate)	45 - 64 yrs Cause No.(Rate)	65+ yrs Cause No.(Rate)
<b>White Males</b>				
①	Perinatal Conditions 64.6 (20.6)	Accidents/Injury 472.0 (71.3)	Heart Disease 1014.1 (360.0)	Heart Disease 3197.0 (2206.7)
②	Accidents/Injury 54.7 (17.4)	Suicide 191.4 (29.0)	Cancer 935.4 (332.1)	Cancer 2300.7 (1588.0)
③	Congenital Anomalies 54.1 (17.2)	HIV 186.9 (28.2)	Accidents/Injury 142.5 (50.6)	Stroke 530.6 (366.2)
④	Cancer 10.6 (3.4)	Heart Disease 146.9 (22.2)	Stroke 91.7 (32.6)	COPD 493.6 (340.7)
⑤	Heart Disease 7.3 (2.3)	Cancer 131.6 (19.9)	COPD 85.0 (30.2)	Pneumonia/Flu 297.3 (205.2)
<b>African American Males</b>				
①	Perinatal Conditions 125.9 (62.5)	Homicide 431.7 (147.2)	Heart Disease 495.4 (588.6)	Heart Disease 1075.3 (2445.4)
②	Accidents/Injury 53.1 (26.3)	Accidents/Injury 231.5 (79.0)	Cancer 470.9 (560.0)	Cancer 919.3 (2090.6)
③	Congenital Anomalies 40.3 (20.0)	HIV 150.2 (51.2)	Stroke 99.2 (117.9)	Stroke 239.0 (543.5)
④	Homicide 12.2 (6.05)	Heart Disease 132.5 (45.2)	Diabetes 73.6 (87.5)	Diabetes 125.4 (285.2)
⑤	Pneumonia/Flu 9.7 (4.81)	Cancer 84.2 (28.7)	Accidents/Injury 70.3 (83.5)	COPD 119.9 (272.7)

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Source: State Center for Health Statistics, 1999. Population estimates from [www.census.gov/population/estimates](http://www.census.gov/population/estimates). Est. released 9/4/98.





### Conditions or Events that are Reportable to the Office of Public Health

"It is hereby made the duty of every physician practicing medicine in the State of Louisiana to report to the State Health Officer, through the Health Unit of the parish or municipality wherein such physician practices, any case or suspected case of reportable disease which he is attending, or has examined, or for which such physician has prescribed. The report shall be made promptly at the time the physician first visits, examines or prescribes for the patient, and such report shall state the name, age, sex, race, usual residence, place where the patient is to be found, the nature of the disease and the date of onset." (Sanitary Code, State of Louisiana: Chapter 2, Sec. 2:004; Rev. 3-84) In addition to physician reporting, laboratories are required to report the results of tests which either confirm or suggest the occurrence of reportable diseases as specified by law. Additionally, Sec. 2:006 states "It shall be the duty of every osteopath, coroner, medical examiner, dentist, homeopath, infection control practitioner, medical records director, nurse, nurse midwife, nurse practitioner, pharmacist, physician assistant, podiatrist, social worker, veterinarian, and any other health care professional to report a confirmed case of reportable disease as specified in Section 2:003 in which he or she has examined or evaluated, or for which he or she is attending or has knowledge."

#### REPORTABLE COMMUNICABLE DISEASES

Acquired Immune Deficiency Syndrome (AIDS)	Legionellosis	Tuberculosis <sup>4</sup>
Amebiasis	Lyme Disease	Typhoid fever
Arthropod-borne encephalitis (Specify type)	Lymphogranuloma venereum <sup>2</sup>	Varicella (chickenpox)
Blastomycosis	Malaria	Vibrio infections (excluding cholera) <sup>1</sup>
Botulism <sup>1</sup>	Measles (rubeola) <sup>1</sup>	
Campylobacteriosis	Meningitis, other bacterial or fungal	
Chancroid <sup>2</sup>	Mumps	
Chlamydial infection <sup>2</sup>	Mycobacteriosis, atypical <sup>4</sup>	
Cholera <sup>1</sup>	Neisseria meningitidis infection <sup>1</sup>	
Cryptosporidiosis	Pertussis	
Diphtheria	Rabies (animal & human)	
Enterococcus (infection; resistant to vancomycin)	Rocky Mountain Spotted Fever (RMSF)	
Escherichia coli 0157:H7 infection	Rubella (German measles)	
Gonorrhea <sup>2</sup>	Rubella (congenital syndrome)	
Haemophilus influenzae infection <sup>1</sup>	Salmonellosis	
Hemolytic-Uremic Syndrome	Shigellosis	
Hepatitis, Acute (A, B, C, Other)	Staphylococcus aureus (infection; resistant to methicillin/oxacillin or vancomycin)	
Hepatitis B carriage in pregnancy	Streptococcus pneumoniae (infection; resistant to penicillin)	
Herpes (neonatal)	Syphilis <sup>2</sup>	
Human Immunodeficiency Virus (HIV) infection <sup>3</sup>	Tetanus	

All reportable diseases and conditions other than the venereal diseases, tuberculosis and those conditions with (\*) should be reported on an EPI-2430 card and forwarded to the local parish health unit or the Epidemiology Section  
P.O. Box 60630  
New Orleans, LA 70160  
504-568-5005 or  
1-800-256-2748 or  
504-568-5006 fax.  
All facsimile transmissions are considered as part of the confidential disease case report, and as such, are not subject to disclosure.

<sup>1</sup> Report suspected cases immediately by telephone. In addition, all cases of rare or exotic communicable diseases and all outbreaks shall be reported.

<sup>2</sup> Report on STD-43 form. Report cases of syphilis with active lesions by telephone.

<sup>3</sup> Report on EPI-2430 card. Name and street address are optional but city and ZIP code must be recorded.

<sup>4</sup> Report on CDC 72.5 (f. 5.2431) card.



### Other Reportable Conditions

Cancer  
Complications of abortion  
Congenital hypothyroidism\*  
Galactosemia\*  
Hemophilia\*  
Lead Poisoning  
Phenylketonuria\*  
Reye's Syndrome  
Severe traumatic head injury\*\*  
Severe under nutrition (severe anemia, failure to thrive)  
Sickle cell disease (newborns)\*  
Spinal cord injury\*\*  
Sudden infant death syndrome (SIDS)

\* Report to the Louisiana Genetic Diseases Program Office by telephone 504-568-5070 or FAX 504-568-7722.

\*\* Report on DDP-3 form; preliminary phone report from ER encouraged 504-568-2509.